



# UCS

## ► High Efficiency, Condensing Hot Water Boiler

- 240 MBH Residential and Light Commercial
  - 95% AFUE
  - 6.7:1 Turndown Ratio
  - Wall Mounted
  - Optional Floor Base Available
- 380 MBH Commercial Offering
  - 95% Thermal Efficiency
  - 10.5:1 Turndown Ratio
  - Floor Standing
- Advanced Electronics
  - Anti-Wind Function - control automatically adjusts the fan speed to prevent loss of flame and lockouts
  - Flame Stabilization - control allows the flame to stabilize before modulating, preventing flame drop outs and recycling
- Built by American Craftsmen



There are some things you can always depend on...



[www.utica boilers.com](http://www.utica boilers.com)



# UCS 240

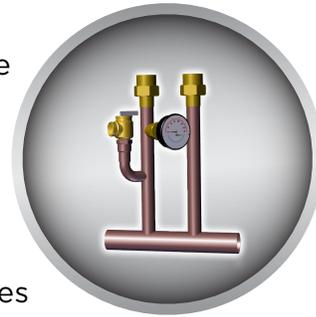
The UCS 240 *is perfect for residential or light commercial applications*, featuring:

ENERGY STAR® Most Efficient Status at **95% AFUE**, the UCS 240 allows you to qualify for state, federal, or local utility company rebates.\*

**6.7:1 Modulation Turndown Ratio** saves energy by reducing the amount of gas used. Enjoy comfort, energy savings, and lower utility bills! By automatically modulating the gas input to match the heating level that is needed, the boiler system operates at optimum efficiency, resulting in savings for you!

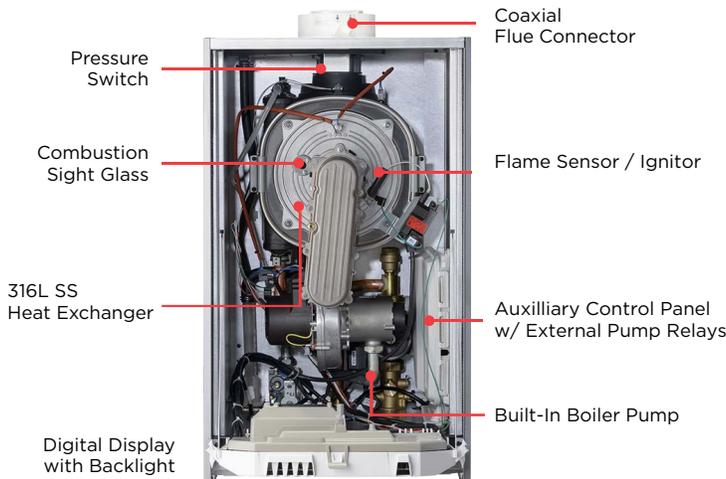
**LABOR SAVER Manifold** is included, which means that we've gone ahead and taken care of the primary-secondary piping for you. The manifold includes connection points for the included gauge and pressure relief valve, saving you time and money during the installation.

**Optional Floor Base Kit is available** when the installation does not allow for a wall-mounted solution. Boiler connections are easily accessible through the removable panels of the optional base.



Shown with optional floor base.

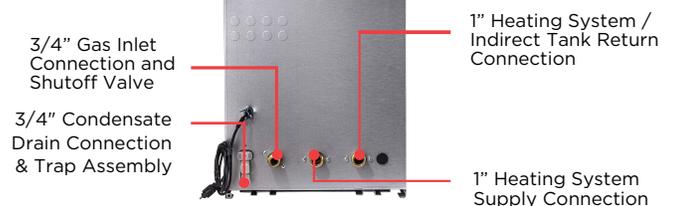
### UCS 240 BOILER



### TOP OF BOILER



### BOTTOM OF BOILER



\*Visit our website at [www.uticaboilers.com](http://www.uticaboilers.com) for rebate information and qualification details. These valuable rebates help offset the installation costs.



# UCS 380

**For commercial applications, the UCS 380 features:**



A **95% Thermal Efficiency** rating, which allows you to qualify for available rebates.\*

An impressive **10.5:1 Modulation Turndown Ratio**, the UCS 380 can meet varying load demands, saving energy and reducing fuel costs.

**Optional Plug-and-Play, CSD-1 Kits** are available where local code requires. Includes Manual Reset Low Water Cut Off (LWCO) and High Limit.

**Compact, Floor Standing Design** features built-in leveling legs and a removable, one-piece front jacket and lower side panels for easy access for installation and serviceability.

The **LABOR SAVER Manifold** for the UCS 380 is included. The pre-manufactured primary secondary piping saves you time and money on the jobsite.



### OPTIONAL INDIRECT TANK CONNECTION

Utica Boilers H2O Indirect Hot Water Heaters are available in 30 to 115 gallon capacities and feature 316L stainless steel construction and accessible connections for an easy installation.

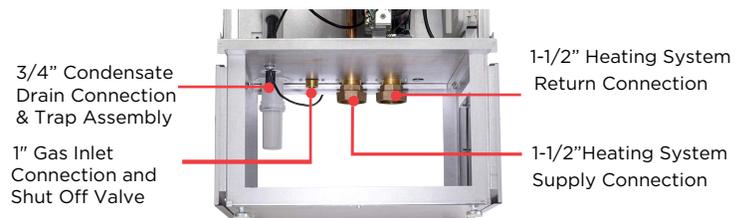
- Commercial Sizes
  - HOC (High Output Commercial) - 80 & 115 Gallon
  - XHOC (Extra High Output Commercial) - 85 & 115 Gallon
- Larger Heat Exchanger Coils
- 1-1/2" Hot & Cold Water Tappings
- Dual Anode Rods



### TOP OF BOILER

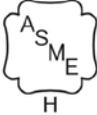


### BOTTOM OF BOILER



\*Visit our website at [www.utica boilers.com](http://www.utica boilers.com) for rebate information and qualification details. These valuable rebates help offset the installation costs.

# UCS 240/380 High Efficiency, Condensing Hot Water Boilers

Dimensional Diagram	Model	Input Rate (MBH) 0-2000 ft.	Heating Capacity (MBH) 0-2000 ft.	Net Rating, Water (MBH) <sup>(1)</sup> 0-2000 ft.	Vent Diameter Coaxial <sup>(2)</sup>	Vent Diameter 2-pipe <sup>(2)</sup>	Efficiency															
<p><b>UCS 240</b></p> <p>TOP</p> <p>Width 17-3/4" (450mm)</p> <p>Depth 23" (585mm)</p> 	<b>UCS 240</b>	241,000	216,000	188,000	3" / 5"	3"	95% AFUE															
	<b>UCS 380</b>	379,000	348,000	303,000	4" / 6"	4"	95% THERMAL															
<p>(1) Net AHRI Ratings based on piping and pickup allowance of 1.15. Contact Technical Support before selecting boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.</p> <p>(2) Refer to IOM and vent pipe manufacturer's instructions for equivalent lengths and approved venting materials.</p>																						
<p><b>General Information</b> (See Installation, Operation and Maintenance Manual for complete instructions)</p>																						
<p><b>UCS 380</b></p> <p>FRONT</p> <p>Height 31-1/16" (763mm)</p> 	<p><b>Clearances</b></p> <p>(2) Required distances measured from boiler.</p> <p>(3) Service, proper operation clearance recommendation.</p> <p>(* Allowance for piping at the bottom of boiler not included.</p>	<p><b>Combustible Materials (Required)</b> <sup>(2)</sup></p>	<p><b>Service</b> <sup>(2) (3)</sup></p>																			
					<b>UCS 240</b>	<b>UCS 380</b>																
<p><b>UCS 380</b></p> <p>TOP</p> <p>Width 23-5/8" (600mm)</p> <p>Depth 25-1/2" (648mm)</p> 	<p><b>Connections UCS 240</b></p> <p>Gas Connection 3/4" NPT</p> <p>1" NPT Heating System Supply &amp; Return (without manifold)</p> <p>1-1/2" Copper Stub Heating System Supply &amp; Return (with manifold)</p>	<p><b>Connections UCS 380</b></p> <p>Gas Connection 1" NPT</p> <p>1-1/2" NPT Heating System Supply &amp; Return (without manifold)</p> <p>1-1/2" Copper Stub Heating System Supply &amp; Return (with manifold)</p>	<p><b>Electrical</b></p> <p>120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)</p>		<p><b>Water Content</b></p> <p>240: 0.8 gallons – 380: 4.6 gallons</p>																	
<p><b>UCS 380</b></p> <p>FRONT</p> <p>Height 50" (1.27m)</p> 	<p><b>Dimensions/Weights</b></p> <table border="1"> <thead> <tr> <th>Model</th> <th>Width</th> <th>Height</th> <th>Depth</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>UCS 240</td> <td>17-3/4" (450mm)</td> <td>31-1/16" (763mm)</td> <td>23" (585mm)</td> <td>120 LBS (54.5kg)</td> </tr> <tr> <td>UCS 380</td> <td>23-5/8" (600mm)</td> <td>50" (1270mm)</td> <td>25-1/2" (648mm)</td> <td>225 LBS (102.1kg)</td> </tr> </tbody> </table>		Model	Width	Height	Depth	Weight	UCS 240	17-3/4" (450mm)	31-1/16" (763mm)	23" (585mm)	120 LBS (54.5kg)	UCS 380	23-5/8" (600mm)	50" (1270mm)	25-1/2" (648mm)	225 LBS (102.1kg)	<p><b>Standard Equipment</b></p> <ul style="list-style-type: none"> <li>– Boiler Control Module: High Limit/Electronic Ignition Control.</li> <li>– User Display Interface: Digital Temperature Display with diagnostics and programmable settings.</li> <li>– Heat Exchanger: 316L Stainless Steel</li> <li>– Combustion: 6.7:1 Turndown for 240 Model &amp; 10.5:1 for 380 Model, Stainless Steel Burner, Direct Spark Ignition, Combination Flame Sensor and Ignitor</li> <li>– Other: Assembled Boiler with Jacket, Built-In Boiler Loop Pump, 50 psi Relief Valve</li> <li>– Low Water Pressure Sensor, Temperature/Pressure Gauge</li> </ul>		<p><b>Options</b></p> <p>Outdoor Temperature Sensor, Indirect Tank Sensor, Floor Base Kit, CSD-1 Kits available for both models (includes Manual Reset Low Water Cut Off as well as High Limit.).</p>		
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<p><b>Certifications</b></p>     <p>Tested for 50 psi. ASME on 240 Model Tested for 80 psi. ASME on 380 Model Maximum Allowable Working Pressure</p>																						

All ratings and specifications subject to change.

PN 240011836 REV 6/17



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